

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A projector comprising:
a light source device;
a power source unit that supplies power to the light source device;
an optical modulator that modulates light flux emitted from the light source device according to image information;
a projection optical system that projects the light flux modulated by the optical modulator in an enlarged manner; and
an exhaust fan that exhausts air inside the projector outside, the exhaust fan being a centrifugal fan that exhausts the air sucked from the direction of a rotary shaft of the fan in the tangential direction of the rotation, and an inlet of the centrifugal fan disposed along ~~a plane orthogonal to the optical path plane formed by the light source device, the optical modulator, and the projection optical system~~ the thickness of direction of the projector, and the centrifugal fan being disposed between the light source device and the power source unit.
2. (Previously Presented) The projector according to Claim 1, the inlet of the centrifugal fan being disposed in an inclined manner to an optical axis of illumination of the light flux emitted from the light source device.
3. (Currently Amended) The projector according to Claim 2, the inlet of the centrifugal fan being inclined closer toward an emitting direction of the light flux from the light source device disposed closer toward an emitting direction of the light flux from the light source device.

4. (Currently Amended) The projector according to Claim 1, ~~further comprising the power source unit comprising:~~

a lamp drive block that drives the light source device ~~and/or, and~~ a power source block that supplies the power to the lamp drive block;

~~the centrifugal fan being disposed between the light source device and the lamp drive block and/or the power source block.~~

5. (Previously Presented) The projector according to Claim 4, the centrifugal fan being disposed on an end of the lamp drive block and/or the power source block,

wherein an air intake fan that sucks cooled air from the outside is disposed on another end facing the end.

6. (Previously Presented) The projector according to Claim 5, an inlet, from which the outside air is sucked inside, being formed on an exterior case to accommodate the light source device, the optical modulator, and the projection optical system, and the air intake fan being disposed in an inclined manner to the inlet.

7. (Previously Presented) The projector according to Claim 1, an outlet, which is located in a projecting direction of the light flux from the projection optical system and exhausts the inside air outside, being formed on the exterior case to accommodate the light source device, the optical modulator, and the projection optical system, and the centrifugal fan exhausting the inside air in a direction separating from the projecting direction of the light flux, from the projection optical system via the outlet.

8. (Previously Presented) The projector according to Claim 1, the light source device, the optical modulator, and the projection optical system being accommodated in a casing for optical components which is substantially U-shaped in plan view.